

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of April, 1914. Observations taken 9 a.m.

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in inches to Lat. 45°	From Self-registering Instruments, for Twenty-four Hours previously.						Amount of Cloud, 0 to 10.	Direction of Wind.	Rainfall, in Points (100 to 1 Inch).
		Max. Temp. in Shade.	Min. Temp. in Shade.	Mean. Temp. in Shade.	Solar Radiation.	Terrestrial Radiation.	Veloc. Wind in Miles.			
1	29.760	Fah. 68.2	Fah. 57.0	Fah. 62.6	Fah. 125.6	Fah. 52.6	338	3	N.	..
2	29.809	66.6	60.4	63.5	119.6	56.8	360	5	N.W.	..
3	30.009	68.4	58.2	63.3	121.4	54.8	300	4	N.	11
4	29.729	66.6	60.2	63.4	128.2	57.8	513	3	N.W.	6
5	30.033	71.0	46.6	58.8	132.6	35.0	145	6	N.	21
6	29.869	64.0	55.2	59.6	124.8	53.2	442	10	S.	4
7	29.759	59.0	42.8	50.9	102.0	31.0	250	6	N.	37
8	29.410	62.8	56.0	59.4	113.6	51.0	502	8	N.	27
9	29.551	61.2	53.6	57.4	120.6	47.6	314	8	N.	8
10	29.712	62.6	52.0	57.3	122.6	43.6	110	3	N.E.	1
11	29.751	64.2	46.8	55.5	116.2	36.6	124	2	N.	3
12	29.760	66.8	59.2	63.0	117.6	58.2	488	6	N.	..
13	30.000	65.6	58.8	62.2	116.8	54.0	422	8	N.W.	10
14	29.821	64.2	61.0	62.6	101.2	59.2	474	10	N.W.	24
15	29.689	65.2	59.8	62.5	91.6	56.4	502	8	N.W.	13
16	29.553	63.8	53.2	58.5	122.6	48.6	356	6	N.W.	1
17	30.049	59.6	46.4	53.0	111.6	40.2	216	2	S.	..
18	30.130	59.6	50.8	55.2	111.6	44.6	204	2	N.	..
19	30.241	62.4	47.8	55.1	114.8	39.0	108	10	Calm	16
20	29.820	59.6	55.4	57.5	103.6	51.8	282	10	N.	7
21	29.689	62.4	55.2	58.8	87.6	53.2	390	10	S.	6
22	29.989	58.6	48.2	53.4	102.0	45.0	490	8	S.	..
23	30.159	50.2	48.0	49.1	107.8	45.8	366	8	N.E.	..
24	30.149	57.2	40.6	48.9	106.4	29.0	92	5	N.	18
25	30.129	63.6	54.8	59.2	112.0	50.2	112	8	N.E.	5
26	30.089	62.6	54.8	58.7	110.6	48.4	106	7	N.E.	14
27	30.063	66.2	52.8	59.5	114.2	51.6	144	10	S.E.	16
28	30.129	63.8	53.6	58.7	105.6	50.8	238	8	S.E.	..
29	30.289	59.6	52.8	56.2	90.4	51.4	344	7	S.E.	..
30	30.079	61.8	41.6	51.7	104.8	33.6	76	2	N.	8
31	..	..	..	..	..	..	..	..	..	..
*	29.907	62.9	52.8	57.8	112.0	47.7	293	6.4	..	256
†	30.044	62.7	51.2	56.8	106.5	43.9	281	..	..	402

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
12	4	..	..	3	4	..	..	6	1

NOTE.—The weather during the month was unsettled and showery, with moderate northerly winds prevailing. Total bright sunshine, 150 h. 15 m., and no sunless days. Two frosts were recorded on the grass. Mean earth temperature at 1 ft. was 59.1°, and 60.5° at 3 ft. Mean dew-point, 50.0°; mean elastic force of vapour, 0.361 in.; and mean relative humidity, 76 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

April, 1914.

Ft.	Name of Station and Observer.	Absolute Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
NORTH ISLAND.						
20	DARGAVILLE .. Dr. H. M. Levinge	Deg. 64.5	Deg. 70.8	Deg. 58.3	Points. 513	Dys. 13
125	AUCKLAND .. T. F. Cheeseman	60.7	66.9	54.5	421	20
..	TE AROHA .. G. F. McGirr	56.6	67.3	45.9	604	19
925	ROTORUA .. J. F. Robieson	54.5	61.9	47.1	640	19
..	TAURANGA .. C. J. Butcher	59.0	69.3	48.7	906	14
63	NEW PLYMOUTH .. W. D. Fletcher	61.1	72.4	49.9	542	17
250	MOUMAHAKI .. A. S. Huntington	56.7	63.9	49.6	556	16
2080	TAIHAPE .. A. R. Fannin	51.7	58.9	44.6	395	18
..	PALMERSTON NORTH J. E. Vernon	56.3	65.7	47.0	497	17
186	GREYTOWN .. W. C. Davies	55.2	64.6	45.9	499	18
377	MASTERTON .. Wm. Hood	55.4	66.2	44.7	468	20
..	GISBORNE .. C. H. Ferris	58.2	67.9	48.5	439	16
14	GREENMEADOWS, NA-PIER Very Rev. Dean Smyth	59.4	67.6	51.3	314	7
10	WELLINGTON .. F. W. Simms	57.8	62.9	52.8	256	21
SOUTH ISLAND.						
34	NELSON .. Rev. J. P. Kempthorne	58.8	65.9	48.8	486	17
1218	HANMER SPA .. Dr. J. C. Duncan	51.6	61.6	41.6	335	15
25	CHRISTCHURCH .. H. F. Skey	54.7	63.6	45.9	250	13
42	LINCOLN .. G. Gray	55.7	64.5	46.8	254	14
349	RAKAIA* .. G. S. Hardy	58.7	69.5	48.0	159	7
130	TIMARU .. Caretaker of Domain	53.3	62.5	44.2	134	14
90	WAIMATE .. W. M. Hamilton	52.5	61.3	43.7	234	11
300	DUNEDIN .. D. Tannock	52.2	58.9	45.5	346	14
245	GORE .. H. Dolamore	48.8	58.2	39.3	362	18
12	HOKITIKA .. F. T. Sandford	53.8	61.0	46.5	1,165	23
18	INVERCARGILL .. L. Lennie	50.6	59.6	41.7	556	19

\* For March, 1914.

SUMMARY FOR THE MONTH OF APRIL, 1914.

The atmospheric disturbances prevailing during the month were more remarkable for their frequency than for their intensity.

On the 8th a cyclone passed in the south, and from then on until the 16th a low barometer ruled in the southern districts, culminating in boisterous conditions on the 16th and 17th.

On the 21st, and again between the 27th and 29th, a depression passed in the northern districts, causing dull and wet conditions, especially along the eastern coast.

Heavy rain fell at isolated stations in conjunction with electrical disturbances between the 24th and 27th, and also in the mountainous country between Canterbury and Westland during the first half of the month. Usually, however, frequent showers formed the striking feature of the month, but fair and mild weather was also prevalent.

With the exception of the extreme north and south of the North Island, nearly the whole of New Zealand had more than the average rainfall.

D. C. BATES, Director.